

109TH CONGRESS  
1ST SESSION

# S. 485

To reauthorize and amend the National Geologic Mapping Act of 1992.

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## IN THE SENATE OF THE UNITED STATES

MARCH 1, 2005

Mr. CRAIG (for himself, Mr. BUNNING, and Mr. BINGAMAN) introduced the following bill; which was read twice and referred to the Committee on Energy and Natural Resources

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## A BILL

To reauthorize and amend the National Geologic Mapping  
Act of 1992.

1       *Be it enacted by the Senate and House of Representa-*  
2       *tives of the United States of America in Congress assembled,*

3       **SECTION 1. SHORT TITLE.**

4       This Act may be cited as the “National Geologic  
5       Mapping Reauthorization Act of 2005”.

6       **SEC. 2. FINDINGS.**

7       Section 2(a) of the National Geologic Mapping Act  
8       of 1992 (43 U.S.C. 31a(a)) is amended—

9               (1) by striking paragraph (1) and inserting the  
10       following:

1           “(1) although significant progress has been  
 2           made in the production of geologic maps since the  
 3           establishment of the national cooperative geologic  
 4           mapping program in 1992, no modern, digital, geo-  
 5           logic map exists for approximately 75 percent of the  
 6           United States;”; and

7           (2) in paragraph (2)—

8                   (A) in subparagraph (C), by inserting  
 9                   “homeland and” after “planning for”;

10                   (B) in subparagraph (E), by striking “pre-  
 11                   dicting” and inserting “identifying”;

12                   (C) in subparagraph (I), by striking “and”  
 13                   after the semicolon at the end;

14                   (D) by redesignating subparagraph (J) as  
 15                   subparagraph (K); and

16                   (E) by inserting after subparagraph (I) the  
 17                   following:

18                           “(J) recreation and public awareness;  
 19                           and”; and

20           (3) in paragraph (9), by striking “important”  
 21           and inserting “available”.

22 **SEC. 3. PURPOSE.**

23           Section 2(b) of the National Geologic Mapping Act  
 24           of 1992 (43 U.S.C. 31a(b)) is amended by inserting “and  
 25           management” before the period at the end.

1 **SEC. 4. DEADLINES FOR ACTIONS BY THE UNITED STATES**  
 2 **GEOLOGICAL SURVEY.**

3 Section 4(b)(1) of the National Geologic Mapping Act  
 4 of 1992 (43 U.S.C. 31c(b)(1)) is amended in the second  
 5 sentence—

6 (1) in subparagraph (A), by striking “not later  
 7 than” and all that follows through the semicolon and  
 8 inserting “not later than 1 year after the date of en-  
 9 actment of the National Geologic Mapping Reau-  
 10 thorization Act of 2005;”;

11 (2) in subparagraph (B), by striking “not later  
 12 than” and all that follows through “in accordance”  
 13 and inserting “not later than 1 year after the date  
 14 of enactment of the National Geologic Mapping Re-  
 15 authorization Act of 2005 in accordance”; and

16 (3) in the matter preceding clause (i) of sub-  
 17 paragraph (C), by striking “not later than” and all  
 18 that follows through “submit” and inserting “submit  
 19 biennially”.

20 **SEC. 5. GEOLOGIC MAPPING PROGRAM OBJECTIVES.**

21 Section 4(c)(2) of the National Geologic Mapping Act  
 22 of 1992 (43 U.S.C. 31c(c)(2)) is amended—

23 (1) by striking “geophysical-map data base,  
 24 geochemical-map data base, and a”; and

25 (2) by striking “provide” and inserting “pro-  
 26 vides”.

1 **SEC. 6. GEOLOGIC MAPPING PROGRAM COMPONENTS.**

2 Section 4(d)(1)(B)(ii) of the National Geologic Map-  
3 ping Act of 1992 (43 U.S.C. 31c(d)(1)(B)(ii)) is amend-  
4 ed—

5 (1) in subclause (I), by striking “and” after the  
6 semicolon at the end;

7 (2) in subclause (II), by striking the period at  
8 the end and inserting “; and”; and

9 (3) by adding at the end the following:

10 “(III) the needs of land manage-  
11 ment agencies of the Department of  
12 the Interior.”.

13 **SEC. 7. GEOLOGIC MAPPING ADVISORY COMMITTEE.**

14 (a) MEMBERSHIP.—Section 5(a) of the National Geo-  
15 logic Mapping Act of 1992 (43 U.S.C. 31d(a)) is amend-  
16 ed—

17 (1) in paragraph (2)—

18 (A) by inserting “the Secretary of the Inte-  
19 rior or a designee from a land management  
20 agency of the Department of the Interior,”  
21 after “Administrator of the Environmental Pro-  
22 tection Agency or a designee,”;

23 (B) by inserting “and” after “Energy or a  
24 designee,”; and

1 (C) by striking “, and the Assistant to the  
 2 President for Science and Technology or a des-  
 3 ignee”; and

4 (2) in paragraph (3)—

5 (A) by striking “Not later than” and all  
 6 that follows through “consultation” and insert-  
 7 ing “In consultation”;

8 (B) by striking “Chief Geologist, as Chair-  
 9 man” and inserting “Associate Director for Ge-  
 10 ology, as Chair”; and

11 (C) by striking “one representative from  
 12 the private sector” and inserting “2 representa-  
 13 tives from the private sector”.

14 (b) DUTIES.—Section 5(b) of the National Geologic  
 15 Mapping Act of 1992 (43 U.S.C. 31d(b)) is amended—

16 (1) in paragraph (2), by striking “and” at the  
 17 end;

18 (2) by redesignating paragraph (3) as para-  
 19 graph (4); and

20 (3) by inserting after paragraph (2) the fol-  
 21 lowing:

22 “(3) provide a scientific overview of geologic  
 23 maps (including maps of geologic-based hazards)  
 24 used or disseminated by Federal agencies for regula-  
 25 tion or land-use planning; and”.

1 (c) CONFORMING AMENDMENT.—Section 5(a)(1) of  
 2 the National Geologic Mapping Act of 1992 (43 U.S.C.  
 3 31d(a)(1)) is amended by striking “10-member” and in-  
 4 serting “11-member”.

5 **SEC. 8. FUNCTIONS OF NATIONAL GEOLOGIC-MAP DATA-**  
 6 **BASE.**

7 Section 7(a) of the National Geologic Mapping Act  
 8 of 1992 (43 U.S.C. 31f(a)) is amended—

9 (1) in paragraph (1), by striking “geologic  
 10 map” and inserting “geologic-map”; and

11 (2) in paragraph (2), by striking subparagraph  
 12 (A) and inserting the following:

13 “(A) all maps developed with funding pro-  
 14 vided by the National Cooperative Geologic  
 15 Mapping Program, including under the Federal,  
 16 State, and education components;”.

17 **SEC. 9. BIENNIAL REPORT.**

18 Section 8 of the National Geologic Mapping Act of  
 19 1992 (43 U.S.C. 31g) is amended by striking “Not later”  
 20 and all that follows through “biennially” and inserting  
 21 “Not later than 3 years after the date of enactment of  
 22 the National Geologic Mapping Reauthorization Act of  
 23 2005 and biennially”.

1 **SEC. 10. AUTHORIZATION OF APPROPRIATIONS; ALLOCA-**  
2 **TION.**

3 Section 9 of the National Geologic Mapping Act of  
4 1992 (43 U.S.C. 31h) is amended—

5 (1) by striking subsection (a) and inserting the  
6 following:

7 “(a) IN GENERAL.—There is authorized to be appro-  
8 priated to carry out this Act \$64,000,000 for each of fiscal  
9 years 2006 through 2010.”; and

10 (2) in subsection (b)—

11 (A) in the matter preceding paragraph (1),  
12 by striking “2000” and inserting “2005”;

13 (B) in paragraph (1), by striking “48” and  
14 inserting “50”; and

15 (C) in paragraph (2), by striking 2 and in-  
16 serting “4”.

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